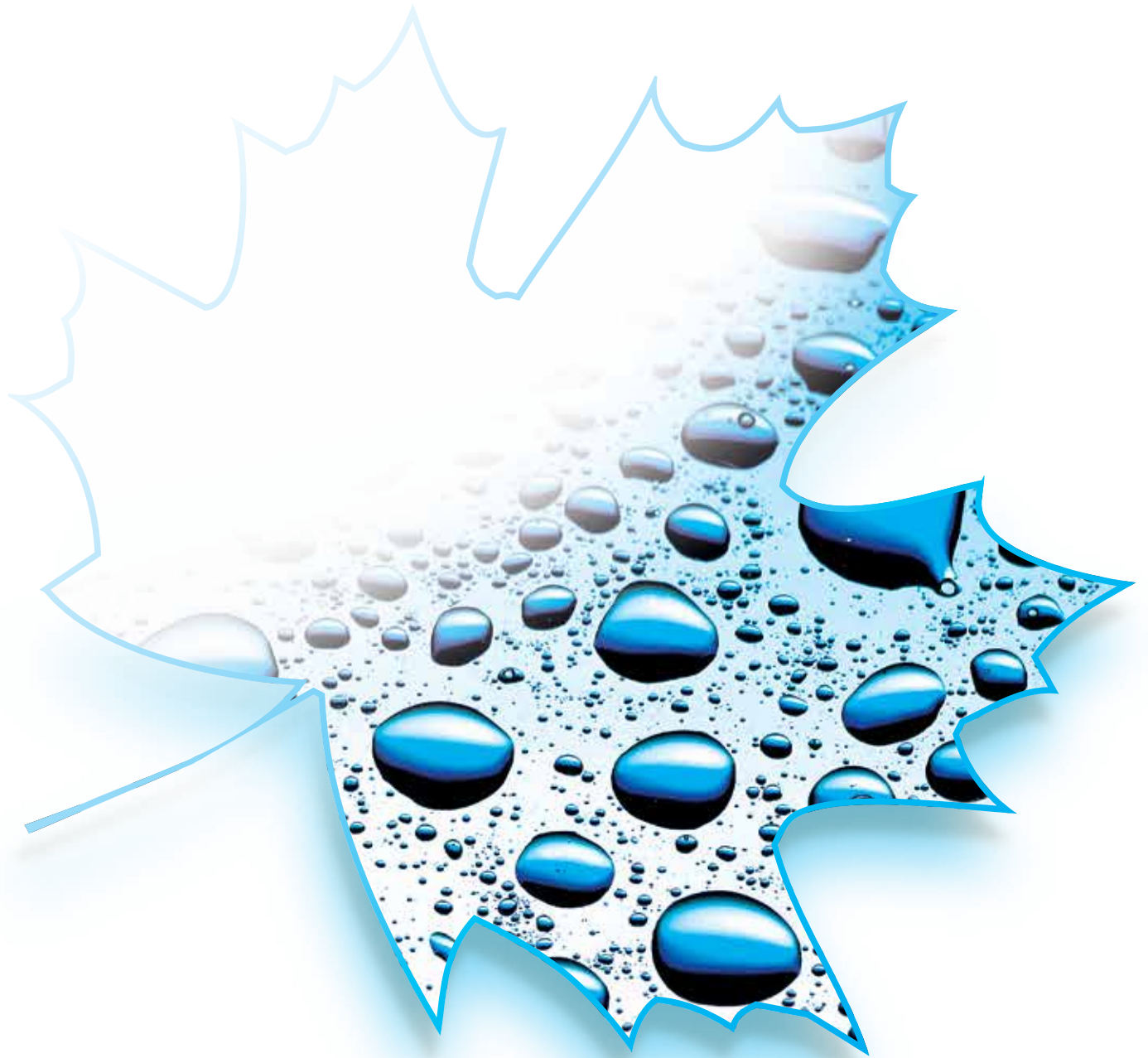


TOTAL WATER MANAGEMENT SOLUTIONS PROVIDER



SIGMA WATER ENGINEERING (M) SDN BHD

OUR COMMITMENT

We will always remain committed to put the best interests of our customers first and take great care of the trust that our customers put in us.

OUR VISION

To be a leading design-build company known for its technological expertise in providing guaranteed environmental solutions globally.

OUR MISSION

To provide specialist service of the highest quality in the water and wastewater industry and be the front runner in pursuit of a cleaner environment.

» AFFORDABLE & SUSTAINABLE WATER & WASTEWATER TREATMENT SOLUTIONS

Management of water resources today is one of the world's growing concerns for communities and industries. The availability of water is taken for granted by individuals and industries alike.

As one of the world's most precious resources, treatment of water requires the most up to date technology and approaches that balance economic feasibility with environmental consciousness.

The Sigma Group of companies is owned and managed by a team of professionals with extensive local and international experience in water and wastewater treatment.





SIGMA WATER ENGINEERING (M) SDN BHD
- HEADQUARTER



SIGMA WATER ENGINEERING (M) SDN BHD
- FABRICATION YARD, CHEMICAL STORE AND
BLENDING FACILITY

Sigma Water Engineering (M) Sdn Bhd, based in Selangor, Malaysia serves the Asia, Middle East and Africa markets as the regional headquarters for its parent company, Sigma Water Canada Inc.

Sigma takes pride in its people who, with decades of combined experience globally, are the core strength of the company.

We work with clients and consultants in tandem to identify the various options available for treatment, providing preliminary Front End Engineering Design (FEED), Assist in acquiring regulatory approvals, detail designing with our in house developed software with 3D modelling ability, fabrication,

installation and commissioning. Our after sales support includes operations and maintenances services, supply of chemicals, consumables and spares for the efficient operation of the treatment plant.

For durable, cost effective and high quality water management systems, look no further than Sigma, your preferred partner in water and wastewater solutions.





PHARMACEUTICAL PLANT

WE DELIVER INTEGRATED DESIGN SOLUTIONS FOR WATER AND WASTEWATER TREATMENT



Automobile Wastewater Treatment



Advanced Dissolved Air Flotation (DAF) clarifier for chemical treatment



Food & Beverage Processing

As your one-stop solutions partner, Sigma develops and applies technology and consulting solutions with one goal always in mind - to create measurable cost savings and efficiencies every time. In addition, our comprehensive operation and maintenance services provide you with the expertise required to maintain peak business productivity at all times.

Sigma provides products, systems and services for:

- **Wastewater Treatment**
- **Effluent Recycling & Reuse**
- **Water Treatment**
- **Brackish & Sea Water Desalination**
- **Chemicals for Water & Wastewater Treatment**
- **Operation & Maintenance Support**



MEMBRANE BIO REACTOR PLANT - COFFEE PROCESSING



Wastewater Management



Membrane Bio Reactor (MBR) skid

KEY INDUSTRIAL MARKETS

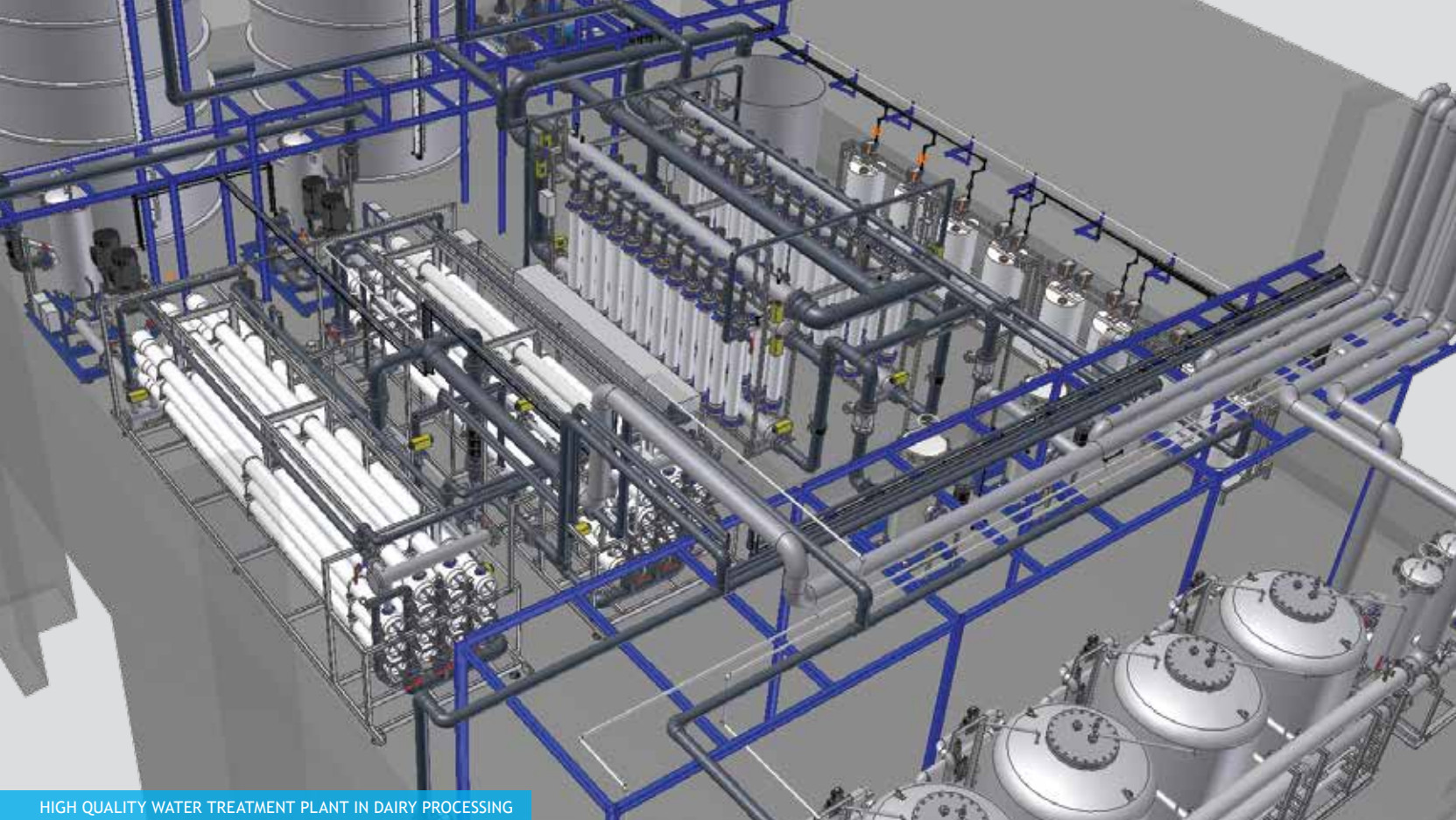
Environmental solutions offered by Sigma are currently used by leading industries globally. Minimal footprint and operating costs have offered significant advantages over generic designs. All systems designed by Sigma are modular in design and are custom designed to suit the application.

Our experience extends across diverse fields. The following are among the sectors that have benefited from Sigma technology and consulting solutions over the years:

- Food & Beverage
- Oil & Gas
- Poultry Processing
- Automobile
- Abattoirs & Fish Processing
- Chemicals & Petrochemicals
- Palm Oil Processing
- Dairy
- And several more...



Roughing Filter



HIGH QUALITY WATER TREATMENT PLANT IN DAIRY PROCESSING

PRODUCTS, SYSTEMS & SERVICES FOR WATER TREATMENT



Ultrafiltration in Brewery



Brewery Water Treatment Plant



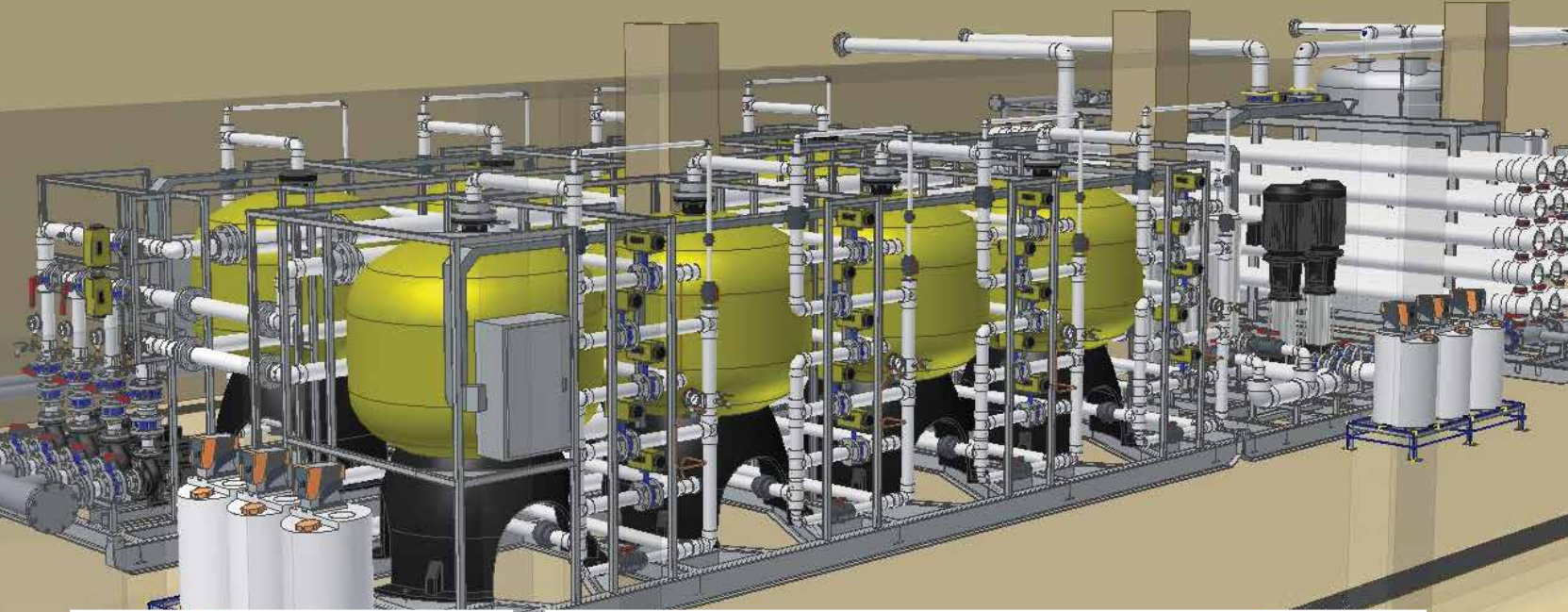
Water Treatment Plant in Dairy Processing

PRODUCTS, SYSTEMS & SERVICES FOR EFFLUENT RECYCLING & REUSE

Sigma offers a combination of technologies to suit your wastewater recycle and reuse needs. We offer primary, secondary, tertiary and polishing membrane treatment technologies that are tailored to suit your application. Often a wastewater recycle/reuse application involves:

- Microfiltration
- Ultrafiltration
- Reverse Osmosis; and
- Fluidized Bed Oxidation Reactor (FBOR).

All our systems are guaranteed for process reuse quality and quantity.



Refractory Waste Treatment



Effluent Recycling Plant in Automotive Industry



RO System for Juice Manufacturing



UV disinfection for drinking water supply



Heat sanitizable carbon filter for taste/odour removal in brewery WTP



Sigma specializes in modular, skid mounted and containerized systems for water treatment. Be it surface water, groundwater, sea water, brackish or city water, we have the technology to treat it to drinking water standards or any industrial standard. Our strength in water treatment has been recognized globally with installations spanning South Asia, Middle East and Africa.



PRODUCTS, SYSTEMS & SERVICES FOR BRACKISH & SEA WATER DESALINATION



CHEMICALS FOR WATER & WASTEWATER TREATMENT

Sigma offers a complete range of treatment chemicals for water and wastewater treatment. Sigma represents reputed global manufacturers of coagulants, flocculants, antiscalants, cleaning chemicals and dewatering polymer. All chemicals are available in stock for rapid delivery. We conduct on site Jar tests and analysis and back-up our sales with on going service visits. We offer products and consumable for the water and waste water industry.

Sigma offers modular solutions for desalination systems. All systems use the latest technology in energy recovery to provide low operating costs. Sigma supplies desalination systems with suitable pretreatment such as multigrade filtration, microfiltration or ultrafiltration. All systems are pre assembled, pre wired and tested in our assembly facilities in Malaysia prior to delivery.



Containerized Sea Water Desalination System

OPERATION & MAINTENANCE SUPPORT

Sigma provides its customers with high quality services, from Operation & Maintenance, troubleshooting and audit of water treatment systems for process improvement and systems upgrading. Call us to find out how you can save money by optimizing your water and wastewater operations.

MANUFACTURING STRENGTH

Our manufacturing capability ranges from fabrication, assembly and testing within our facilities. Our quality assurance plan ensures reliability and performance of every system that we supply.



GLOBAL PERSPECTIVE, LOCAL EXPERTISE

Our extended network of regional offices, agents, consultants and contractors provide our customers with the advantage of personalized service and consultation. To reach a representative closest to you, contact us at one of our offices below:

Sigma Water Canada Inc.

75, Cheyanne Meadows Way NW
Calgary, Alberta T3R, 1B6 Canada
Tel: +1 (403) 286 3866 Fax: +1 (403) 286 3886

Sigma Water Engineering (M) Sdn Bhd

(666278-W)
39, Jalan BP 6/11
Bandar Bukit Puchong
47120 Puchong, Selangor Darul Ehsan
Malaysia
Tel: +603-8068 7314 / 24 / 41
Fax: +603-8068 7340 / 30

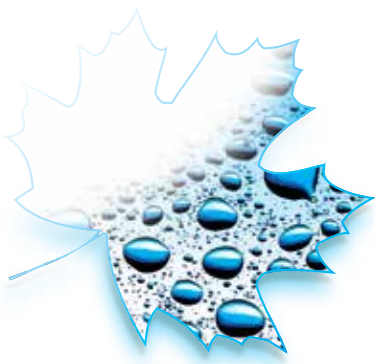
Fabrication Yard, Chemical Store and Blending Facility

No. 2 & 2A, Jalan 3,
Jalan Hi-Tech 5,
Kawasan Perindustrian Hi-Tech,
Jalan Sungai Lalang,
43500 Semenyih, Selangor Darul Ehsan
Malaysia

Sigma Middle East

P.O. Box 33596, Ras Al Khaimah
United Arab Emirates
Tel: +971 50 553 0156





» EMERGENCY

WATER & RAPID RESPONSE RENTAL SOLUTIONS

Call us at : **+603-8068 7314** <<

Immediate delivery when emergency response
for water and/or waste water is required



APPLICATIONS

Rental water and wastewater treatment systems can be used for a variety of applications. There is a range of sizes and options for refinery, energy, construction, municipalities and general industry.

- Emergency water due to breakdown, unforeseen capacity demand, unscheduled maintenance, changes in water quality, disasters;
- Capacity increases during high production periods;
- Events where brackish water needs upgrading to potable water
- Back-up during critical periods, plant upgrades and drought conditions;
- Improved water quality; add to existing systems for polishing to a higher quality;
- Environmental needs; dewatering to meet regulatory discharge requirements



SIGMA WATER ENGINEERING (M) SDN BHD

39, Jalan BP 6/11, Bandar Bukit Puchong,

47120 Puchong, Selangor Darul Ehsan, Malaysia

Tel: +603-8068 7314 / 24 /41 Fax: +603-8068 7340 / 30

Email: general@sigmawater.net Website: www.sigmawater.net